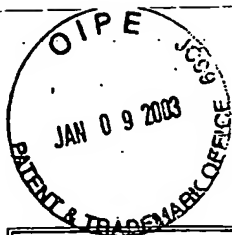




Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTORNEY DOCKET NO.: 19264.0007U2		SERIAL NO. 10/072,739			
		APPLICANT: Werner <i>et al.</i>					
		FILING DATE: February 8, 2002		GROUP: 2821			
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.H.	A1	6,140,975	10/31/00	Cohen	343	846	—
T.H.	A2	6,127,977	10/03/00	Cohen	343	700 MS	—
T.H.	A3	6,104,349	08/15/00	Cohen	343	702	—
FOREIGN PATENT DOCUMENTS							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
T.H.	A4	Article Evolutionary Design of Miniaturized Meander-Line Antennas for RFID Applications, by Marrocco <i>et al.</i> , Proceedings of the Antennas and Propagation Society International Symposium and USNC/URSI National Radio Science Meeting, 2002, IEEE, Vol. 2, pp 362-365, San Antonio, Texas, June 16-21, 2002.					
	A5	Article A Uniplanar Compact Photonic-Bandgap (UC-PBG) Structure and Its Applications for Microwave Circuits, by Yang <i>et al.</i> , published in IEEE Transactions on Microwave Theory and Techniques, Vol. 47, No. 8, August, 1999, pp 1509-1514.					
	A6	Article Aperture-Coupled Patch Antenna on UC-PBG Substrate, by Coccioli <i>et al.</i> , published in IEEE Transactions on Microwave Theory and Techniques, Vol. 47, No. 11, November, 1999, pp 2123-2130					
	A7	Chaos and Fractals New Frontiers of Science, by Heinz-Otto Peitgen <i>et al.</i> pp168-296, © 1988 by Springer-Verlag					
	A8	Article Fractal Arrays Based on Iterated Functions System (IFS), by Baharav, © 1999 IEEE, pp 2686-2689					
	A9	Chapter 2 of Frontiers in Electromagnetics, (IEEE Press Series on Microwave Technology and RF) Fractal-Shaped Antennas, by Puente <i>et al.</i> , pp 48-203 © 2000.					
	A10	Practical Genetic Algorithms, by Haupt <i>et al.</i> ©1998 by John Wiley & Sons, Inc.					
T.H.	A11	Electromagnetic Optimization By Genetic Algorithms, edited by Rahmat-Samii <i>et al.</i> , published by John Wiley & Sons, Inc. ©1999					
EXAMINER: T.H.		DATE CONSIDERED: 12/23/05					
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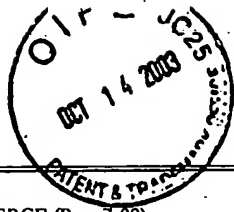
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	APPLICANT: <i>Werner et al.</i>	
	FILING DATE: February 8, 2002	GROUP: 2821

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.H.	B1	6,323,809	11/27/01	Maloney <i>et al.</i>	343	700MS	—
T.H.	B2	6,107,975	08/22/00	Brennan <i>et al.</i>	343	853	—
T.H.	B3	5,867,397	02/02/99	Koza <i>et al.</i>	364	489	—
T.H.	B4	5,719,794	02/17/98	Altshuler <i>et al.</i>	364	578	—

FOREIGN PATENT DOCUMENTS							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
T.H.	B5	PCT International Search Report, International Application No. PCT/US02/03739, mailed December 18, 2002.
	B6	Article A Design Approach for Dual-Polarized Multiband Frequency Selective Surfaces Using Fractal Elements, by Werner <i>et al.</i> , published in IEEE, 2000, pp 1692-1695.
	B7	Article Frequency Independent Features of Self-Similar Fractal Antennas, by Werner <i>et al.</i> , published in IEEE 1996, pp 2050-2053.
	B8	Article Fractal Antenna Engineering: The Theory and Design of Fractal Antenna Arrays, by Werner <i>et al.</i> , published in IEEE Antennas and Propagation Magazine, Vol. 41, No. 5, October, 1999, pp 37-59.
	B9	Article Genetic Algorithm Optimization of Stacked Vertical Dipoles Above a Ground Plane, by Werner <i>et al.</i> , published in Antennas and Propagation Society International Symposium, 1997 Digest, pp 1975-1979.
	B10	Article Toward the Synthesis of an Artificial Magnetic Medium, by Hagen <i>et al.</i> , published in IEEE, 1999, pp 430-433.
	B11	Article A Simple Broadband Dipole Equivalent Circuit Model, by Long <i>et al.</i> , published in IEEE, 2000, pp 1046-1049.
T.H.	B12	Article Fractal Coding in Genetic Algorithm (GA) Antenna Optimization, by Nathan Cohen, published in IEEE, 1997, pp 1692-1695.

EXAMINER: <i>Tan Ho</i>	DATE CONSIDERED: <i>12/23/05</i>
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Modified Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE				ATTORNEY DOCKET NO.: 19264.0007U2		APPLICATION NO. 10/072,739	
SUPPLEMENTAL LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Werner <i>et al.</i>			
				FILING DATE: February 8, 2002		GROUP: 2821	
U.S. PATENT AND PUBLISHED PATENT APPLICATION DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
T.H.	D1	6,498,587	12/24/02	Desclos <i>et al.</i>	343	700MS	—
	D2	6,483,481	11/19/02	Sievenpiper <i>et al.</i>	343	909	—
	D3	6,081,242	06/27/00	Wingo	343	860	—
	D4	6,081,235	06/27/00	Romanofsky <i>et al.</i>	343	700MS	—
	D5	6,067,056	05/23/00	Lake	343	873	—
	D6	5,959,594	09/28/99	Wu <i>et al.</i>	343	909	—
	D7	5,598,032	01/28/97	Fidalgo	257	679	—
	D8	4,706,050	11/10/87	Andrews	333	2050	—
	D9	3,780,373	12/18/73	Holst <i>et al.</i>	343	788	—
T.H.	D10	US20030034918	02/02/03	Werner <i>et al.</i>	343	700MS	—
FOREIGN PATENT DOCUMENTS							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
T.H.	D11	"Genetic Optimization of Fractal Dipole Antenna Arrays for Compact Size and Improved Impedance Performance Over Scan Angle," by Mummareddy <i>et al.</i> , 2000 <i>IEEE</i> , pp 98-101.					
	D12	"Low Voltage Tunable Barium Strontium Titanate Thin Film Capacitors for RF and Microwave Applications," Tombak <i>et al.</i> , 2000 <i>IEEE MIT-S Digest</i> , pp 1345-1348.					
	D13	"Design of dual-polarised multiband frequency selective surfaces using fractal elements," by Werner <i>et al.</i> , <i>Electronics Letters</i> , 16 th March, 2000, Vol. 36, No. 6, pp 487-488.					
	D14	"On the Application of the Microgenetic Algorithm to the Design of Broad-Band Microwave Absorbers Comprising Frequency-Selective Surfaces Embedded in Multilayered Dielectric Media," by Chakravarty <i>et al.</i> , June, 2001 <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 49, No. 6, pp 1050-1059.					
	D15	"New Genetic-Algorithm-based Frequency Selective Surface Design for Dual Frequency Applications," by Monorchio <i>et al.</i> , 1999 <i>IEEE</i> , pp 1722-1725.					
	D16	"Design of convoluted wire antennas using a genetic algorithm," by Chuprin <i>et al.</i> , <i>IEE Proc-Microw. Antennas Propag.</i> , Vol. 148, No. 5, Oct 2001.					
	D17	"High-Impedance Electromagnetic Ground Planes," by Sievenpiper <i>et al.</i> , 1999 <i>IEEE MTT-S Digest</i> , pp 1529-1532.					
	D18	"High-Impedance Electromagnetic Surfaces with a Forbidden Frequency Band," by Sievenpiper <i>et al.</i> , <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 49, No.11, Nov. 1999, pp 2059-2074.					
	D19	"Antennas Research Activities at Loughborough University, by Professor Yiannis C. Verdaxoglou, printed 10/10/02 from website http://www.lboro.ac.uk/departments/el/research/					
T.H.	D20	"High-Impedance Electromagnetic Surfaces," thesis by Sievenpiper, 1999.					
EXAMINER: T.H.				DATE CONSIDERED: 12/23/05			
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